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PTO/SB/21 (09-04) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE e Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number STENT & 10/613.224 TRANSMITTAL Filing Date July 3, 2003 First Named Inventor **FORM** Lloyd Watts Art Unit 2644 Examiner Name Unknown (to be used for all correspondence after initial filing) Attorney Docket Number PA3016US Total Number of Pages in This Submission

			EN	CLOSURES (Check	all that apply	)	
	Fee Tran	smittal Form		Drawing(s)			After Allowance Communication to TC
	F	ee Attached		Licensing-related Papers			Appeal Communication to Board of Appeals and Interferences
	Extension Express A Information Certified Documen Reply to I Incomple	Missing Parts/ te Application eply to Missing Parts nder 37 CFR 1.52 or 1.53	Totalı	Petition Petition to Convert to a Provisional Application Power of Attorney, Revoca Change of Correspondence Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on marks number of pages does not income.	e Address  CD  Clude postcare	2) Si	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below): confirmation postcard tatement Under 37 CFR 3.73(b) (1 pg.)
		SIGNA	TURE	OF APPLICANT, ATT	ORNEY, C	RAG	ENT
Firm N	lame	Carr & Ferrell LLP	Cust. N	o. 22830			
Signat	ure	Suran	be_	-			
Printed	d name	Susan Yee					
Date		March 17, 2005			Reg. No.	41,388	
	-	C	ERTIF	ICATE OF TRANSMIS	SION/MAI	LING	

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Susan Yee, Reg. No. 41,388

Date

March 17, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Audience, Inc. Application No./Patent No.: 10/613,224 Filed/Issue Date: July 3, 2003 Entitled: Filter Set for Frequency Analysis Audience, Inc. corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) (Name of Assignee) states that it is: 1. 📝 the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is\_\_\_\_\_ in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached. OR B. 🗸 A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown 1. From: Lloyd Watts To: Applied Neurosystems Corp. The document was recorded in the United States Patent and Trademark Office at Reel 015708 Frame 0494 , or for which a copy thereof is attached. 2. From: Applied Neurosystems Corp. To: Audience, Inc. The document was recorded in the United States Patent and Trademark Office at Reel <u>015703</u>, Frame <u>0583</u>, or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at \_\_\_\_\_, or for which a copy thereof is attached. Reel \_\_\_\_\_, Frame \_ Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.081 The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Signature Date George Apostol (650) 254-1400 x29 Printed or Typed Name Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Title

Vice President, IC Engineering

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNEE:

Audience, Inc.

TITLE:

See Schedule A

U.S. SERIAL NO.:

See Schedule A

FILING DATE:

See Schedule A

RECORDATION ENTRY DATE:

See Schedule A

COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450** 

## REVOCATION AND POWER OF ATTORNEY

I, the undersigned, George Apostol, Vice President IC Engineering for Audience, Inc., the assignee of the entire right, title and interest in the United States patents and patent applications referenced in Schedule A, am authorized to act and sign on behalf of the assignee and hereby revoke all prior powers of attorney previously submitted in the U.S. patents and patent applications referenced in Schedule A and hereby appoint the agents and attorneys associated with Customer Number 22830 to prosecute these applications and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please direct all communication relative to these applications to the following correspondence address:

> CARR & FERRELL LLP 2200 Geng Road Palo Alto, CA 94303 TEL: 650.812.3400 FAX: 650.812.3444

> > Respectfully submitted,

Date: 03/09/2005

George Apostol

Vice President IC Engineering



## Schedule A

Our Ref.TitlePA2994USEfficient Computation of Log-Frequency-Scale Digital Filter CascadePA2995USMemory Cell Array for Performing a ComparisonPA2996USRobust Hearing Systems for Intelligent MachinesPA2997USEditing of Audio SignalsPA2999USFilter Set for Frequency AnalysisPA2999USFilter Set for Frequency AnalysisPA3001USNoise-Robust Methods for High-Performance AutomaticSpeech RecognitionSpeech RecognitionPA3007USGenerating a Sparse Representation of an Audio SignalPA3015USComputation of Multi-Sensor Time DelaysPA3015USFilter Set for Frequency Analysis				
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	Our Kei.	TIME	/ Patent No.	Issued
	PA2994US	Efficient Computation of Log-Frequency-Scale Digital Filter	09/534,682	3/24/2000
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_	PA299/US	Editing of Audio Signals	10/00/ 1/1	11/14/2001
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	PA3001US	Noise-Robust Methods for High-Performance Automatic	10/439,284	5/14/2003
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+ + -	1 A3003 US	Concerting a Sparse Representation of an Audio Signal	11/011,487	12/13/2004
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	PA3016US	Filter Set for Frequency Analysis		